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(74) Agent: MOMSEN, LEONARDOS & CIA.; Rua Teófilo Ottoni, 63 - 10th Floor, CEP-20090-080 Rio de Janeiro, RJ (BR).

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(71) Applicant (for US only): QUÍMICA INDUSTRIAL BARRA DO PIRAI LTDA. [BR/BR]; Av. Vereador Chequer Elias, 4425, Vila Santa Helena, Barra do Pirai, CEP-27130-610 Rio de Janeiro, RJ (BR).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

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(72) Inventors; and

(75) Inventors/Applicants (for US only): COELHO, Antonio, O. [PT/BR]; Rua Lauro Muller, 46, apt. 1106, Botafogo, CEP-22290-160 Rio de Janeiro, RJ (BR). VALENTE, Carlos, A., R. [BR/BR]; Rua Cervantes, 121, apt. 101, Aterrado, Volta Redonda, CEP-27293-180 Rio de Janeiro, RJ (BR). ANDRADE, Gustavo, P., N. [BR/BR]; Rua Casuarina, 135, apt. 201, Jardim Botânico, CEP-22261-160 Rio de Janeiro, RJ (BR). RENHA, Luiz, Ricardo, B., S. [BR/BR]; Av. Delfim Moreira, 350, apt. 502, Leblon, CEP-22241-000 Rio de Janeiro, RJ (BR).

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(54) Title: CALCIUM CARBONATE COMPOSITIONS FOR USE IN THE MANUFACTURE OF TOOTHPASTE

(57) Abstract: An aqueous suspension of particulate calcium carbonate for use in the manufacture of toothpaste compositions includes in addition to the calcium carbonate one or more dispersing agents and one or more preservative agents and wherein the aqueous medium of the suspension has been treated so that the biological contamination of the suspension is not greater than the maximum allowable levels indicated by the US Food and Drugs Administration (FDA). The calcium carbonate may comprise a precipitated and/or ground calcium carbonate. The suspension may have a solids content of from 50 % to 99.5 % by weight. The suspension may be flowable and pumpable.

# INTERNATIONAL SEARCH REPORT

International Application No.

PCT/BR 01/00101

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K7/16 C01F11/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

CHEM ABS Data, EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2 562 488 A (W. FUCHS) 31 July 1951 (1951-07-31)  claim 1; example 12	1,2,4,6, 7,11-13, 18,20, 21,25, 29-31
P,X	WO 00 69401 A (COLGATE-PALMOLIVE CO.) 23 November 2000 (2000-11-23) the whole document	1-33
X	"Vidal 1997, 73ème édition", EDITIONS DU VIDAL, PARIS, FR XP002188382  Column: "Rennie Liquide" page 1407	1-8, 11-15, 18,21-26
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*Z\* document member of the same patent family

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Glikman, J-F

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 716 629 A (L. ROBERTSON ET AL.) 10 February 1998 (1998-02-10) the whole document -----	1-13
X	OMYA NORTH AMERICA: "Food & pharmaceutical products; Omya-Cal, FCC Food grade Calcium" INTERNET ARTICLE, 'Online! XP002188381 Retrieved from the Internet: <URL:http://www.omya-na.com/foodpharma.htm > 'retrieved on 2002-01-21! the whole document -----	1-3, 5-8, 11-14, 22, 23

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/BR 01/00101

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2562488	A	31-07-1951	NONE	
WO 0069401	A	23-11-2000	US 6149894 A AU 5005700 A WO 0069401 A1	21-11-2000 05-12-2000 23-11-2000
US 5716629	A	10-02-1998	NONE	

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